



2011
Camping Cargo Container
Call-Out

INTRODUCTION

How do we create balance between our natural and built environments? How do we use salvaged and locally sourced materials to create truly inspirational accommodations? How do we develop new amenities for the public in financially challenging times? What do 26,000 acres of open space, public recreation & a cargo container have in common?

COMPETITION

King County Parks and GreenTools Program have partnered to create a competition that seeks your help in answering these questions. The challenge of this competition is to design an overnight structure re-using a surplus cargo container that can be staged anywhere in King County Parks' 26,000 acres of open space. These lands are forested with minimal roads or utilities.

The winning design must integrate the principles of conservation, sustainability, public recreation, aesthetics and forest stewardship. The winning design will receive a \$4,500 award.



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ABOUT KING COUNTY, KING COUNTY PARKS, AND THE GREENTOOLS PROGRAM

With more than 1.9 million people, King County ranks as the 14th most populous county in the nation. King County provides regional services to all residents of the county, including people who live in cities. These include courts and related legal services, public health services, the county jail, records and elections, property tax appraisals and regional parks and trails. King County government also provides public transit, solid waste and wastewater management services, plus an array of services in unincorporated and rural areas.

Award winning King County Parks- Your Big Backyard - stewards more than 26,000 acres of public land that includes 200 parks and 175 miles of regional trails. Camping, hiking, horseback riding, and mountain biking are some of the recreational amenities offered. Most of the lands are within a 20-45 minute drive of Seattle, Bellevue and other suburban cities.

The GreenTools program is designed to help all King County stakeholders green their built environment while addressing critical environmental issues, such as global warming, critical habitat restoration and solid waste reduction. In 2008, King County passed the Green Building and Sustainable Development Ordinance that requires capital projects to meet either LEED standards or integrate cost-effective sustainable development practices into infrastructure projects.

ELIGIBILITY

All architects, designers, hobbyists, students, builders and generally creative people are encouraged to apply. There is no fee to apply.



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SUBMITTAL REQUIREMENTS

Each submittal should include the following:

- A cover sheet with the following information:
 - Name of Participant(s) and/or design firm or school
 - Contact phone number, address and email
 - A brief bio
 - This cover sheet will not be shared with the judges. Please add any narrative you feel relevant to describing your design to the 11X17 design sheets.
- Three copies of the design on 11X17 single sided, numbered sheets. The name of the participant and/or design firm should not be on the submitted design sheets. The design sheets should be compiled and fastened with binder or paper clips only. Any elements of the design can include a narrative describing the attributes or features with an explanation of any innovations or unconventional solutions or techniques. A list of materials used and a description of sustainable development practices should also be included.
- One copy of the attached "Little Footprint, Big Forest Camping Cargo Container Call-out Competition Release Form" must also be reviewed, signed and submitted by all participants. This release form lays out the rights and obligations of participants.
- An electronic disc with the above materials. Design sheets should be submitted in high resolution jpg or vector format.

All designs can be hand delivered or mailed to:

King County
Parks and Recreation Division
Attn: Sujata Goel
201 S. Jackson Street, Suite 700
Seattle, WA 98104

All submittals must be received by **August 22, 2011 4:30pm PST**.



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QUESTIONS

If you have any questions about the competition, please contact Sujata Goel, King County Parks, at 206-854-8543 or at sujata.goel@kingcounty.gov. Visit the competition website at <http://www.kingcounty.gov/recreation/parks/partners/littlefootprint.aspx>.

CONTAINER SPECIFICATIONS

The design must use one 20 foot dry cargo container.

Internal Dimensions:

Length 19 ft 4.17 inches

Width 7 ft 8.44 inches

Height 7 ft 9.90 inches

Existing Door Opening:

Width 7 ft 8.01 inches

Height 7 ft 5.45 inches

Assume the container has an existing wood or plastic flooring and that the container will be placed on a level surface at least 35 feet in length and 23 feet in width. The surface will be engineered for adequate support once the winning design is chosen.



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PRESENTATION REQUIREMENTS

Floor Plan: ½ inch = 1 foot

Draw a plan that delineates all spaces in the structure. Clearly label all spaces in the structure and provide enough dimensions to indicate wall thicknesses, room sizes and overall dimensions. Use additional notes that identify special characteristics of your design.

Exterior Elevations: ½ inch = 1 foot

Show all four exterior sides of the structure.

Interior Elevations: ½ inch = 1 foot

Draw all interior elevations of the structure.

Building/Cross Sections: ¾ inch = 1 foot

Label all major construction components and use any other brief descriptive notes that may be required.

Wall/Roof/Floor Sections: 1 inch = 1 foot minimum or as needed for clarity

Label all structural, exterior and interior finishes, insulation and any other special features or concepts per the design.

Specific Details: 1 inch = 1 foot minimum or as needed for clarity

Special connections, features and concepts, should be highlighted in detail in a scale as needed.

3D View – optional but desired

Provide exterior and interior three-dimensional views of the proposed design.



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DESIGN CRITERIA

Any design must meet these minimum standards

- Utilize green materials
- Maximize daylight
- Minimize energy use
- Aesthetically pleasing
- Enhance overnight park-user experience
- Easy to replicate with materials costing no more than \$10,000 (not including the cost of the container)
- Sleeps 4-6 with a small table-like surface
- Lighting and one power outlet (no restroom or water)
- Stable construction
- Weather-proof and stable through extreme wind and rain
- Vandalism-resistance
- Viable in terms of production, maintenance and storage
- Easy to maintain or minimizes operations and maintenance costs
- Somewhat portable (moved or lifted to a site)
- Adaptable to multiple park sites (forest, beach, open lawn etc)
- ADA compliant



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JUDGING CRITERIA

- Completeness of submittal package
- Meets minimum design standards
- Use of Sustainable Infrastructure Scorecard (See attached King County Sustainable Infrastructure Scorecard)
- Basics – accessibility, constructability, climatic suitability, use of floor space
- Usability – ventilation, openness, expandability, lighting, flooring
- Energy Efficiency – glass to floor area, efficiency of form, heating/cooling
- Material Efficiency (or Resource Conservation) - use of standard sizes, simplicity, material choices
- Aesthetics – overall appeal, choice of materials, innovative design concepts



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USE AND DISPLAY

By signing the “Little Footprint, Big Forest Camping Cargo Container Call-Out Competition Release Form”, you agree that King County owns the rights to the design. Some of the designs may be displayed in King County’s facilities including parks and also in our partners’ buildings for public viewing. Designs may also be displayed on King County’s and its partners’ websites and in presentation materials.

WINNING DESIGN ALTERATIONS

The winning design will be reviewed by a Washington State certified Structural Engineer. Based on engineer recommendations, the winning design may be altered or adjusted to meet structural specifications. The design may also require alterations due to maintenance, construction or other issues.